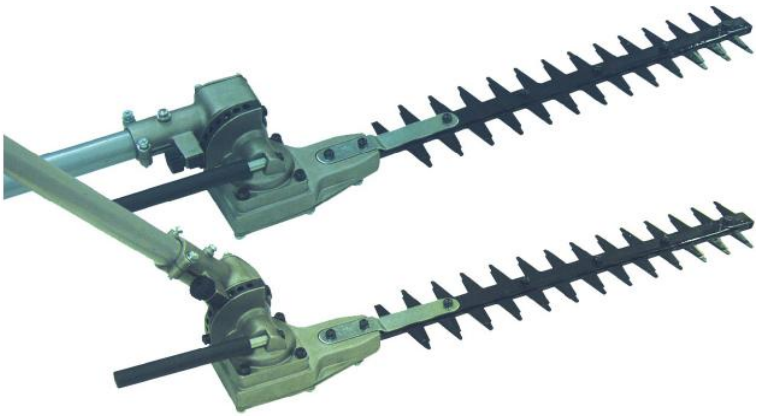
HEDGE TRIMMER ATTACHMENT

to LK PBT3446 AUTO MULTITOOLS BRUSH CUTTER (Model PBT3446TP)



Translation of the original instructions for use

WARNING: Read the instructions before using the product
Before initial start-up, please read through these operating instructions carefully prior to using the machine. Keep the instructions safe and pass them on to any subsequent user so that the information is always available.

Serial Number:

Fig. 1

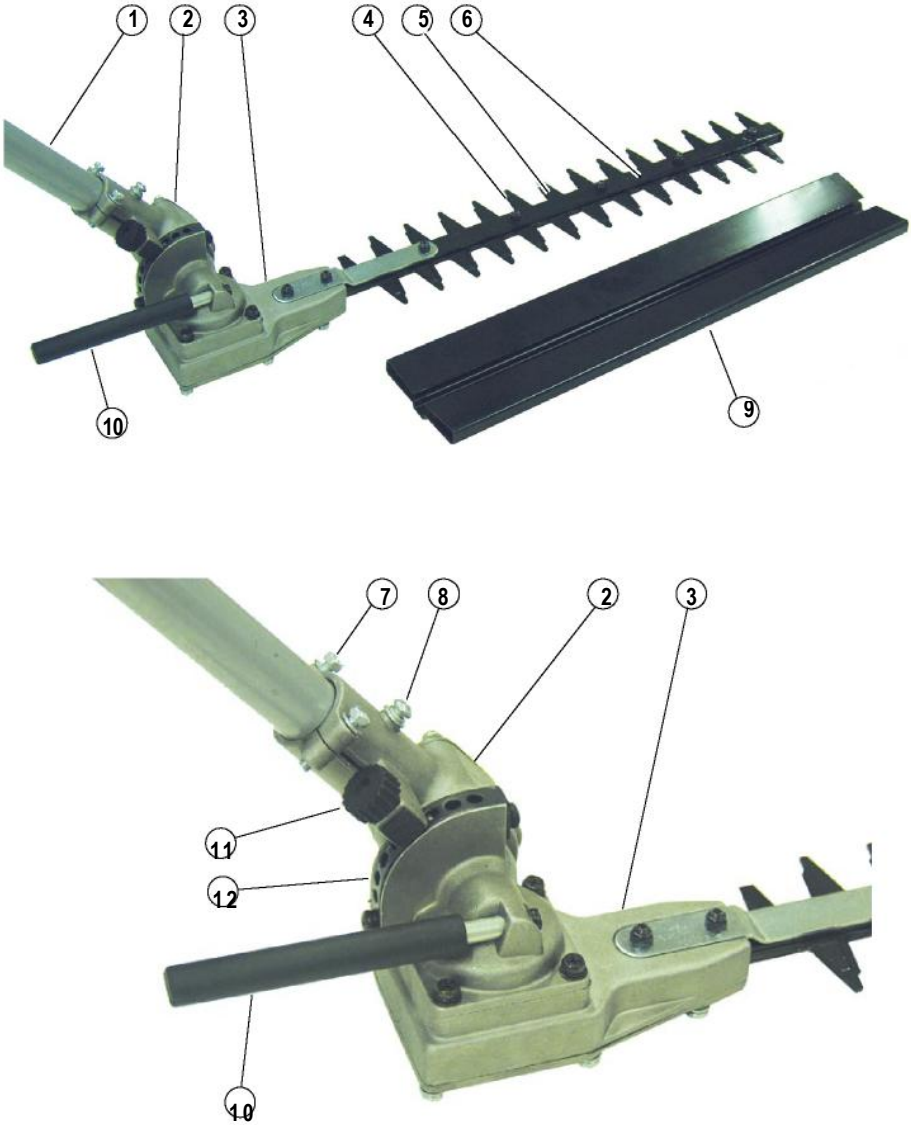


Fig. 2

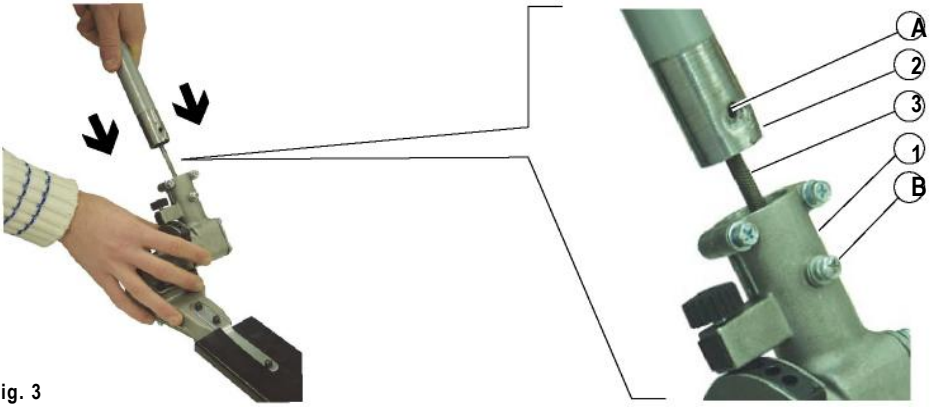


Fig. 3

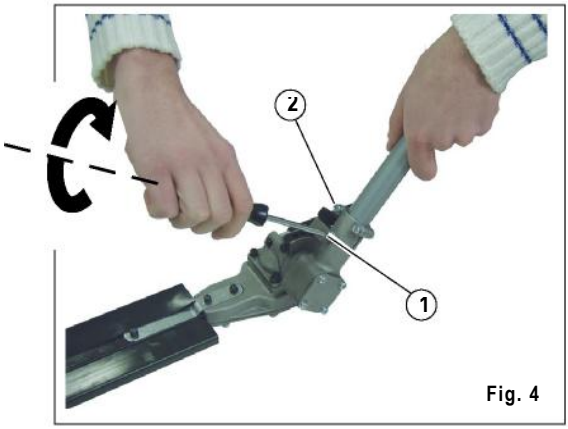


Fig. 4

Fig. 5

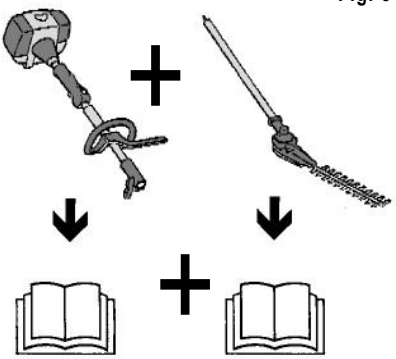


Fig. 6

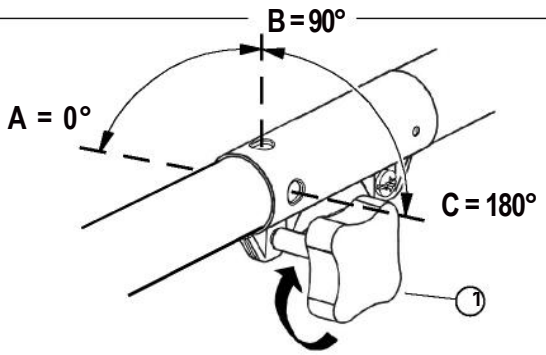


Fig. 7

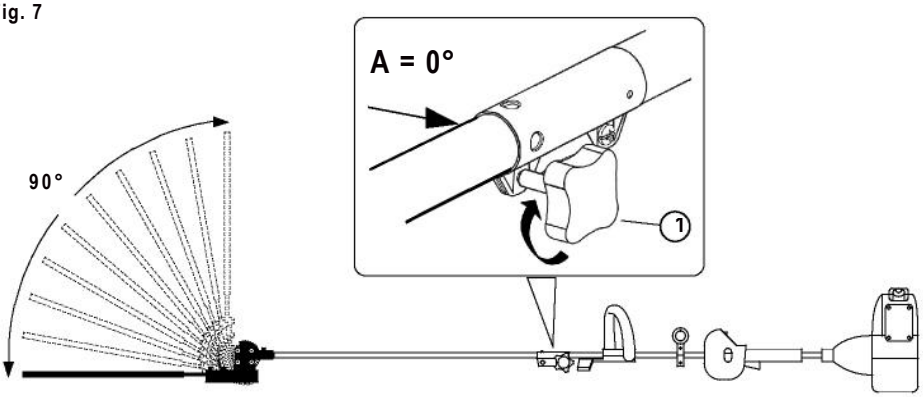


Fig. 8

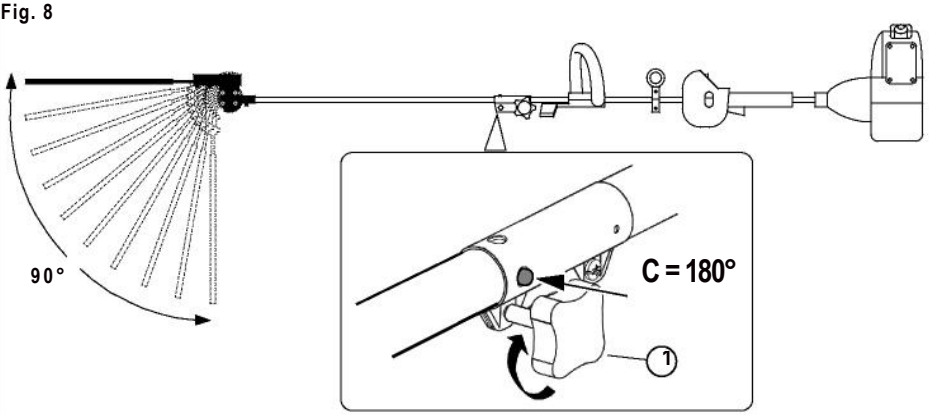


Fig. 9

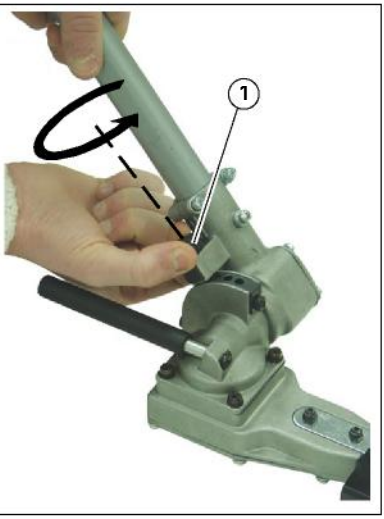


Fig. 10

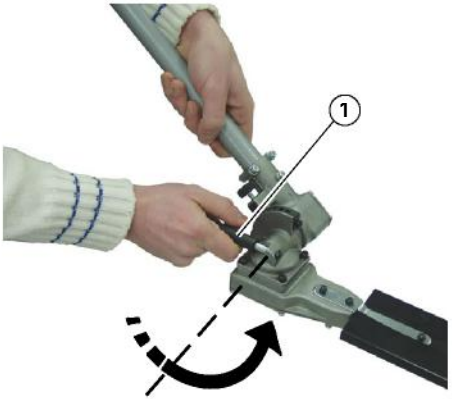


Fig. 11

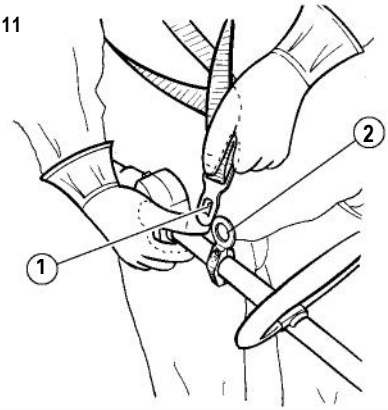


Fig. 12

Fig. 13

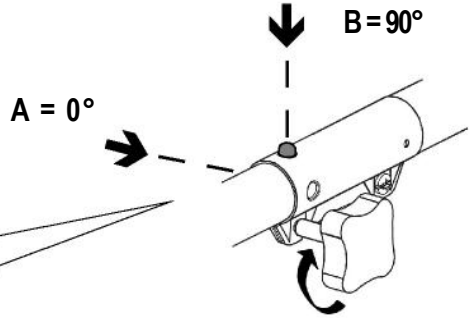

B = 90°
A = 0°

Fig. 14

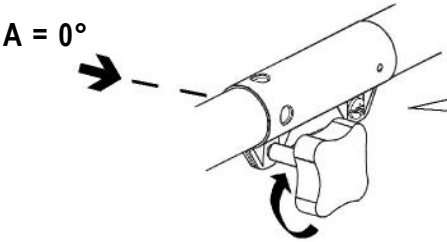
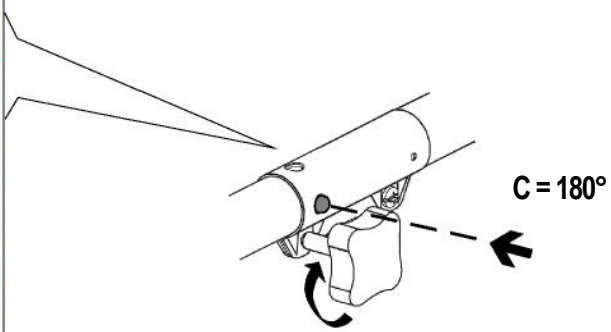

A = 0°

Fig. 15


C = 180°

Thank you for choosing one of our garden products.
This hedge trimmer attachment has been manufactured in accordance with current safety regulations in order to protect the consumer.

This manual describes and illustrates the assembly, use and maintenance operations required to keep your hedge trimmer attachment in safe condition.

USEFUL PICTURES
The pictures relating to the assembly operations and the machine description can be found at the beginning of this user manual. Keep these pages open while reading the assembly instructions.

Should your hedge trimmer attachment need servicing or repair, please contact your retailer or an approved service center.

1. ESSENTIAL SAFETY MEASURES

GENERAL SAFETY INSTRUCTIONS

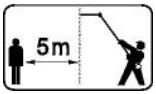
CAUTIONS:
A1 – Failure to comply with safety measures and safety instructions when using the hedge trimmer can cause serious injuries.

THIS MANUAL MUST ALWAYS BE READ TOGETHER WITH THE BRUSH CUTTER MANUAL IT IS DESIGNED TO BE FITTED ON (fig. 5).

This hedge trimmer attachment can ONLY be fitted on brush cutter model LK PBT3446 MULTITOOLS and used with it.

A2 – Before use, all users must carefully read this maintenance and user manual and fully familiarize themselves with all controls to ensure the correct operation of the hedge trimmer.
A2.1 - Keep this manual in a safe place for future reference.
A3 - Do not allow children (under 16) and people who have not read this user manual to use the product.

A4 - Do not start and use the hedge trimmer near people, animals or objects.
DANGER: During operation, a minimum distance of 5 m between the machine and other people should be kept.



A5 - Special attention should be paid to possible dangers that may not be heard because of the noise made by the hedge trimmer.
A6 – Make sure there are no dangerous objects such as cables and electric cables in the working area.
A7 – The operator is responsible for any accidents or dangers involving other people or their belongings.

A8 – Do not touch the blades when the engine is on. Switch the engine off before touching the blades, even when you have to remove branches).

WARNING! DANGER! THE CUTTING BLADES CAN CAUSE VERY SERIOUS INJURIES.

OPERATION:

B1 – Use the hedge trimmer only to cut hedge, weeds and bushes.

Do not use the hedge trimmer for other purposes.

B2 - Wear safety clothing and safety equipment**.**

During operation, do not wear loose or baggy clothing.

B3 – Wear approved protective goggles or visor.

B3.1 - Wear approved ear protectors.

B3.2 - Wear a safety helmet in areas where objects are likely to fall.

B4 - Wear sturdy shoes with non-slip soles.

B5 - Wear sturdy gloves.

B6 – The operator must be in good physical condition. **DO NOT USE** the product if you feel tired, ill or are under the influence of alcohol, medicines or drugs.

B7 – WARNING! Exhaust fumes are toxic and asphyxiating. If inhaled, these fumes could be lethal. Do not start the engine in enclosed or poorly ventilated areas.

B8 – Prolonged use of the hedge trimmer may hinder blood circulation to the hands (Raynaud's disease) due to vibrations.

The following factors may present a risk to the operator's health:

- Operator has poor circulation to his hands.

- The hedge trimmer is used in cold weather (wearing warm gloves is strongly recommended).

- The hedge trimmer is used continuously for long periods of time (intermittent use is recommended). **-** If you feel a tingling sensation or numbness, seek medical attention.

B8.1 – Always hold the hedge trimmer with both hands.

Stand in a safe and steady position on both legs. Keep your balance. Do not operate on unstable stairs. To cut high hedges; use a stable scaffolding.

B8.2 – This product is designed to be used on the right-hand side of the operator (see fig. 11). Hold the rear handle (fitted with controls) with your right hand and the front handle with your left hand.

B9 – WARNING! Petrol and its vapours are highly flammable.

BURNING AND FIRE HAZARDS.

B9.1 - Stop the engine before refuelling.

B9.2 - Do not smoke while refuelling.

B9.3 - Wipe off any spilled fuel. Start the engine away from the refuelling area.

B9.4 – Make sure the tank cap is firmly tightened. Beware of any leaks.

B10 – SAFETY DEVICES

B10.1 – The THROTTLE TRIGGER LOCKOUT (refer to Brushcutter manual) stops accidental operation of the throttle control lever.

B10.2 - Engine power ON/OFF SWITCH **(refer to Brushcutter manual).**

DANGER! The cutting device continues to spin for a while even after the on/off switch has been turned to the **OFF** position.

Hold both handles firmly until the cutting device has come to a complete stop. See section **STARTING AND STOPPING.**

3. DESCRIPTION OF MACHINE PARTS (picture 1)

1) Shaft
2-3) Gearbox
4-5) Cutting blades
6) Blade holder bar
7) Shaft clamp locking screw
8) Shaft centring screw
9) Blade guards
10) Tilting handle
11) Tilting selector switch lockout knob
12) Tilting angle selector switch

4. ASSEMBLY

1) The packaging box contains the gearbox and the blades, separated from the shaft (see fig. 2)

FITTING THE BLADE UNIT ONTO THE SHAFT

1) Fit the hedge trimmer (fig. 3 item 1) onto the bottom drive shaft (fig. 3 item 2), making sure that the drive spindle (fig. 3 item 3) is correctly located inside the gearbox housing. **WARNING** The locating hole (fig. 3 item A) on the shaft must match the position of the gearbox hole (fig. 3 item B).

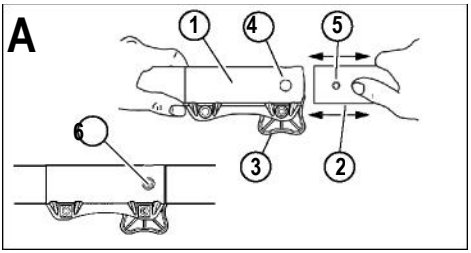
2) Firstly fit and tighten the screw (fig. 4 item 1), then firmly tighten the clamp (fig. 4 item 2).

FITTING THE WHOLE HEDGE TRIMMER UNIT ONTO THE MOTORISED UNIT

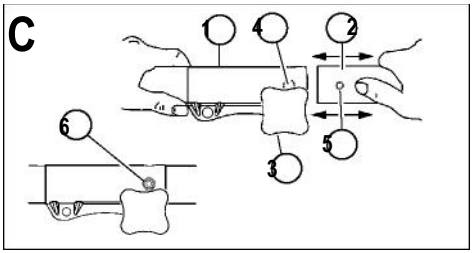
WARNING! The hedge trimmer can be fitted in 3 different positions matching the 3 holes located in the top shaft clamp (fig.6).

A - 0° (fig.7)
C - 180° (fig.8)

POSITION A



1) Slacken the knob (3) on the clamp (1) located on the motorized unit.
2) Move closer and introduce the shaft (2) in the clamp, making sure the flexible peg (5) matches the hole (4). Push fully down until the flexible peg comes out of the hole (see stage 6). Fully tighten the screw knob, as shown in the picture.
This fitting position A = 0° is suitable for usage shown in figures 13-14.
Also see fitting position B = 90° suitable for usage shown in Fig.13.
POSITION C
1) Slacken the knob (3) on the clamp (1)



located on the motorized unit.
2) Move closer and introduce the shaft (2) in the clamp, making sure the flexible peg (5) matches the hole (4). Push fully down until the flexible peg comes out of the hole (see stage 6). Fully tighten the screw knob, as shown in the picture.
This fitting position C = 180° is suitable for usage shown in fig.15.

WARNING! Start the engine only after connecting the bottom drive shaft to the upper drive shaft. Make sure the clamp screw knob (fig. 6 item 1) is firmly tightened.

WORKING ANGLE ADJUSTMENT

The blades may be adjusted in 8 different positions; up (fig. 7) and down (fig. 8).

WARNING! The working angle adjustment operation must be carried out only when the blades have come to a complete stop (engine off).

WARNING! When the hedge trimmer is in operation, the reduction unit will heat up. Do not touch the box without safety gloves.

Danger of burns

1) Slacken the tilting selector switch lockout knob (fig. 9 item 1).
2) Tilt the blades in the desired position (fig. 10)
3) Tighten the knob.

BELT HOOK AND FIXING RING (Fig. 11)
(refer to the Brushcutter manual. The same conditions apply).

5. REFUELLING

(pls refer to the Brushcutter manual).

6. STARTING AND STOPPING

WARNING! Do not start the engine without first fitting the hedge trimmer correctly (see paragraph 4 Assembly) (pls refer to Brush Cutter manual. The same conditions apply).

STARTING THE ENGINE

1) Position the hedge trimmer in a safe starting position.
2) Position the cutting blades at an angle (fig. 7)
3) Remove the blade guards. The blades must not touch the ground or any other object – if possible, rest the reduction unit on a raised surface (such as on raised ground, a brick or a log).
4) Get into a stable position.
5) With the left hand, push hard the equipment on the ground.
6) Do not rest the foot or the knee onto the shaft.
7) Start the engine as shown in the Brush Cutter manual (fig. 16).

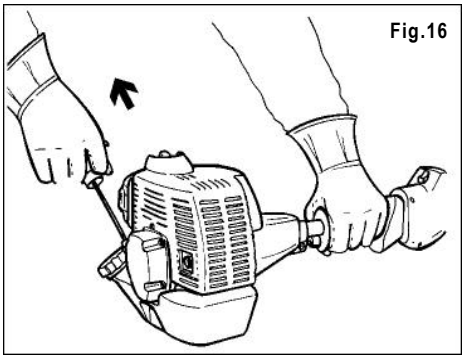


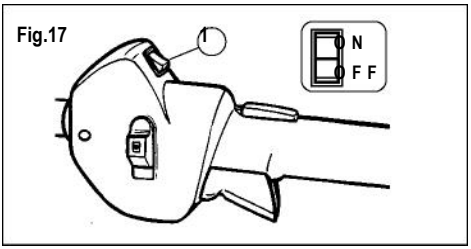
Fig.16

WARNING – DANGER!! If the engine starts and stays in the half acceleration position, the blades are moving. Let the engine turn for a few seconds to make sure it warms up. Operate the trigger once to reduce the engine speed to idle and stop the blades.

WARNING – DANGER!! If the blades do not stop when the engine reaches idle speed, contact a service center.

STOPPING THE ENGINE

1) To stop the engine, move the switch (fig. 17 item 1) to the **"OFF"** position.



WARNING! The cutting device will continue to move for some time after having switched off the product (switch to the "OFF" position). Firmly hold the two handles until the cutting device comes to a complete stop.

WARNING! Familiarize yourself with the on/off switch in order to react promptly in case of emergency.

7. OPERATION

HOW TO USE THE HEDGE TRIMMER

1) Hook the belt sling (fig. 11 item 1) onto the ring (fig. 11 item 2).

2) Hold the hedge trimmer on the right side as shown in fig.11 **(see Brush Cutter user manual).**

DURING OPERATION

If a dangerous condition occurs, immediately switch off the engine by pressing the switch to the OFF position.

This product is not electrically isolated. Make sure there are no electric cables or high voltage cables in the working area. DANGER OF ELECTRIC SHOCK

Always hold the hedge trimmer with both hands. Operate it by fully depressing the throttle lever.

PREPARATION: Remove dry branches, twigs or any other material thet could obstructs the cutting operation.

VERTICAL CUT - Carry out fitting A = 0 ° or B = 90° (fig. 7): then adjust the blade angle as required (see fig. 13).

LOW HORIZONTAL CUT - Carry out fitting A = 0° (fig. 7): then adjust the blade angle as required (see fig. 14).

HIGH HORIZONTAL CUT - Carry out fitting C = 180° (fig. 8): then adjust the blade angle as required (see fig. 15).

HIGH HORIZONTAL CUT (or hedge top): adjust the hedge trimmer operating angle as shown in fig. 15 to cut the top of a high hedge.

8. MAINTENANCE AND TRANSPORT

For maintenance operations relating to the engine, see the enclosed Brushcutter manual LK PBT3446 AUTO MULTITOOLS.

CHECKING THE SCREWS AND MOVING PARTS

Before each use, check that there are no loose screws or parts and that the cutting device has no cracks or is excessively worn.

Replace any damaged parts before use.

BLADES

If a reduction in cutting performance and efficiency of the hedge trimmer is experienced, the blades need to be sharpened. **THIS OPERATION SHOULD BE CARRIED OUT BY A SPECIALISED SERVICE CENTRE.**

Do not use the hedge trimmer if the blades are worn or damaged in order to avoid damages and possible personal injury.

CLEANING

Periodically:

- clean the blades, check their conditions and do maintenance (as spray with lubricants and tree sap repellent).
- protect using the blade guard (fig. 12).

TRANSPORT

During transport (even for short distances) the blade guards must be fitted (pict. 12).

ALWAYS USE GLOVES WHEN FITTING OR REMOVING THE BLADE GUARDS.

STORAGE

Clean the hedge trimmer.
If the trimmer is not used for over 2 months, empty the fuel tank.
Do not clean with aggressive detergents.
Keep the hedge trimmer in a dry and safe place, inaccessible to children.

TECHNICAL DATA

Hedge trimmer attachment weight	**2.1 Kg**
Hedge trimmer + brushcutter LK PBT3446 AUTO weight	**7.7 Kg**
Cutting device (blades)	**38 cm**
Sound pressure level SPL av (EN ISO 11201)	**88 dB(A)**

Sound power level SWL av (ISO 11094)	**108 dB(A)**
Maximum vibration level (EN 28662/1)	**7.7 m/s²**
Incertitude value of vibration	**3.1 m/s²**

CE

EC DECLARATION OF CONFORMITY

The undersigned declares that the following product: **HEDGE TRIMMER attachment,** when fitted to the motorised units LK PBT3446 AUTO MULTITOOLS complies with directives **98/37/EEC, 2000/14/EEC (enclosure V)** according to standard ISO 11094; and has been developed in compliance with standards **EN 292** and **EN 774.**

HT attachment + LK PBT3446 AUTO	
Measured sound power level	**SWL = 108 dB(A)**
Guaranteed sound power level	**SWL = 113 dB(A)**

Made in Ponthierry (France), 2013.12.11
B. VAN ELSLANDE, Managing Director